

## **Module 7 – Testing Theory and Strategy**

### Handout 1 – Sample Size Guidance Table

**Below is the recommended sample size table to be used based on level of process risk:**

Frequency of Control	Estimated Population	Range of Sample Size	Process Risk		
			Low	Moderate	High
More than daily/ Continuous	More than 250	25-40	25	30	40
Daily	61-250	15-25	15	20	25
Weekly	40-60	5-10	5	7	10
Bi-Weekly/ Semi-Monthly	20-30	3-7	3	5	7
Monthly	12	2-4	2	3	4
Quarterly	4	2	2	2	2
Annually	1	1	1	1	1
Automated	N/A	1	1	1	1

**Note 1:** The risk assessment of a specific control is based on the judgment of the tester and is a function of the control's level of complexity, routineness, centralization, and automation.

**Note 2:** For controls with a frequency of "As needed" or "Event Based", the tester can use the "Range of Sample Size" guidance above that is closest to the estimated population. For example, if a control occurs as needed and the actual or estimated population equals 45 occurrences, then the sample size guidance indicates we should follow the "Weekly" frequency which is the closest estimated population noted above.